

EFFICACY REVIEW

DATE: IN 11-16-90 OUT 8-26-91

FILE OR REG. NO. 279-GRRE

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED September 12, 1990

DATE OF SUBMISSION September 7, 1990

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCT(S): (I), D, H, F, N, R, S

DATA ACCESSION NO(S). 416392-01; D158121; S385689; Case#016658; Action Code:175

PRODUCT MGR. NO. 15-LaRocca/Richards

PRODUCT NAME(S) Biflex™ TC Termiticide

COMPANY NAME FMC Corporation, Agricultural Chemicals Group

SUBMISSION PURPOSE Provide performance data in support of claims
for use as a termiticide at rates corresponding
to revised label directions submitted at same time.

CHEMICAL & FORMULATION Bifenthrin: (2-methyl[1,1'-biphenyl]-3-yl) methyl
3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropane carboxylate*
25.1%

(2.0 lbs. active ingredient per gallon, emulsifiable)

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession (MRID) Number 416392-01, having been obtained as summaries of the results of on-going standard tests conducted by U.S.D.A. - Forest Service Southern Forest Experiment Station, Gulfport, Mississippi, according to Ground Board and Concrete Slab methods of exposure which meet the requirements of § 95-12(b)(1)(i)(A) and (B) and correspond to the situation in § 95-12(b)(1)(ii) paragraphs (B) and (C) on pp. 272-3 of the Product Performance Guidelines in the fact that acceptable field data have been derived from testing for at least 2 years but less than 5 years and have demonstrated complete resistance to attack at the Arizona, Florida and Mississippi test locations more than 3 years after initiation and at the South Carolina site more than 2 years after initiation, are adequate to demonstrate the effectiveness of the subject product as a termiticide at the 0.062% a.i. concentration proposed on the label.
The label directions proposed are adequate and appropriate to establishing and maintaining an effective soil barrier against termites in the situations described on the label and should remain residually effective for a length of time to be established by continued testing. Until data establishing 5 or more years of residual protection are compiled, annual re-inspections and retreatment as needed are strongly advised.

required. RL Vern L. McFarland, IRB

(POH) 8/28/91